

ON-SITE LANDSCAPE REQUIREMENTS FOR MAPLE KNOLL PUD
FOR EXISTING AND PROPOSED DWELLINGS AS OF MAY 2015

DISTRICT	QUANTITY OF DWELLINGS PER TYPE		REQUIRED TREES*		PRESERVED TREES***
	SINGLE-FAMILY	MULTI-FAMILY	SINGLE-FAMILY**	MULTI-FAMILY**	
SUBURBAN	496	0	3,636	N/A	7,464
URBAN	500	0	3,665	N/A	1,823
MIXED-USE	157	432	1,151	1,439	20,103
			8,452	1,439	
TOTAL:	1,153	432	9,891		29,390

* Shrubs substituted by trees at 3 shrubs to 1 tree.

** Calculated at 7.33 trees (4 shade trees + 2 ornamental trees + 4 shrubs) per single-family dwelling and 3.33 trees (1 shade tree + 1 ornamental tree + 4 shrubs) per multi-family dwelling.

*** Based on 5/28/04 Woodland Analysis and calculated by multiplying Sample Inches by Total Acreage to arrive at Total Caliper Inches; then divide that product by 2" Tree to arrive at Total Preserved Trees equivalent. This total includes neither the existing successional woodland in the Suburban Residential District that has matured since the Analysis, nor the plantings installed along Springmill-169th Street-161st Street frontages, nor the plantings installed around common area ponds, nor the plantings installed on individuals lots.

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	S-F	M-F	S-F	Units x Trees/Unit = Trees	M-F	Units x Trees/Unit = Trees		Sample Inches x Acres = Total Caliper Inches; TCI / 2 Inch Tree
SUBURBAN	496	0	3,636	496 x 7.33 = 3,636	N/A		7,464	2,408 x 6.20 Acres = 14,929.60; 14, 929.60 / 2 = 7,464
URBAN	500	0	3,665	500 x 7.33 = 3,665	N/A		1,823	1,621 x 2.25 = 3,647.25; 3,647.25 / 2 = 1,823
MIXED-USE	157	432	1,151	157 x 7.33 = 1,151	1,439	432 x 3.33 = 1,439	20,103	4,850 x 8.29 (1.75 at MVS) = 40,206.50; 40,206.50 / 2 = 20,103 (4,243 at MVS)
			8,452		1,439			
TOTAL:	1,153	432	9,891				29,390	

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